AMENDMENT TO THE CLAIMS

1. (original): A communication system performing communication control of

information comprising:

    a communication terminal device; and

    a communication control device,

    said communication terminal device performing a terminal-side buffer management

control and comprising:

    a correspondence table management unit creating, based on table forming

information sent from an upper device, a correspondence table defining a correspondence

between an in-buffer information amount indicating an amount of information stored in a buffer

and a buffer status value indicating the in-buffer information amount in a hierarchical

expression;

    a buffer status value acquiring unit referring to the correspondence table and

acquiring a buffer status value of a buffer that issues a transmission event;

    a notice information setting unit comparing, with regard to an identical buffer, a size

relation between status information about past buffer status values for the buffer and a current

buffer status value acquired, and setting notice information on a bit basis determined by the size

relation;

    a terminal-side notice information management memory storing and managing the

notice information as the status information; and

    a notice information sending unit sending the notice information by using one slot or

a plurality of slots to notify the upper device of the buffer status,

said communication control device performing an office-side buffer management control and comprising:

a table forming information sending unit creating the table forming information and sending the table forming information to said communication terminal device;

a control-side notice information management memory receiving and managing the notice information sent by said communication terminal device; and

a buffer status recognizing unit recognizing the buffer status of said communication terminal device from a content of the control-side notice information management memory.

2. (currently amended): The communication system according to claim 1, wherein:

said communication terminal device divides the buffer into groups, and performs the terminal-side buffer management control on [[the]] a group basis; and

said communication control device performs the office-side buffer management control on the group basis.

3. (original): The communication system according to claim 1, wherein:

said communication terminal device performs the terminal-side buffer management control on the basis of a buffer usage ratio; and

said communication control device performs the office-side buffer management control on the basis of the buffer usage ratio.

4. (original): A communication terminal device communicating with an office side comprising:

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a correspondence table management unit creating, based on table forming information sent from an upper device, a correspondence table defining a correspondence between an in-buffer information amount indicating an amount of information stored in a buffer and a buffer status value indicating the in-buffer information amount in a hierarchical expression;

a buffer status value acquiring unit referring to the correspondence table and acquiring a buffer status value of a buffer that issues a transmission event;

a notice information setting unit comparing, with regard to an identical buffer, a size relation between status information about past buffer status values for the buffer and a current buffer status value acquired, and setting notice information on a bit basis determined by the size relation;

a terminal-side notice information management memory storing and managing the notice information as the status information; and

a notice information sending unit sending the notice information by using one slot or a plurality of slots to notify the upper device of the buffer status.

5. (currently amended): A communication control device communicating with a terminal side comprising:

a table forming information sending unit creating a table forming information and sending the table forming information to a communication terminal device, the table forming information being included in information necessary to generate a correspondence table defining a correspondence between an in-buffer information amount indicating an amount of information stored in a buffer and a buffer status value indicating the in-buffer information amount in a

hierarchical expression,

a control-side notice information management memory receiving and managing a

notice information sent by the communication terminal device, wherein the notice information is

on a bit basis determined by a size relation, being referred to the correspondence table by the

communication terminal device, which is compared between status information about past buffer

status values and a current buffer status value; and

a buffer status recognizing unit recognizing a buffer status of the communication terminal

device from a content of the control-side notice information management memory.

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